



SRI CHINTALAPATI VARA PRASADA MURTHY RAJU
GOVERNMENT DEGREE COLLEGE

GANAPAVARAM-534 198

ESTD. 1972 • AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY • ACCREDITED NAAC 'B'



REPORT

ON

EDUCATIONAL FIELD TRIP to

VISAKHAPATNAM of

III B.Sc (Hon) Computer Science

21.01.2026 to 22.01.2026

Organized by

Dept of Physics & Dept of Computer Science





DETAILED REPORT ON EDUCATIONAL FIELD TRIP TO VISAKHAPATNAM (21–22 January 2026)

1. INTRODUCTION

Educational field trips play a vital role in bridging the gap between theoretical knowledge and practical exposure. With the objective of enriching academic understanding and providing hands-on exposure to advanced scientific infrastructure, the **Department of Physics and Computer Science of Sri Chintalapati Vara Prasada Murthy Raju Government Degree College, Ganapavaram** organized a **two-day Educational Field Trip to Visakhapatnam** from **21st to 22nd January 2026** for the students of **III B.Sc (Honours) Computer Science**.

The field trip was designed to expose students to a **premier higher education and research institution—Andhra University**, along with selected cultural and scientific landmarks of Visakhapatnam city. The visit emphasized **academic learning, research exposure, discipline, teamwork, and experiential learning beyond the classroom**.

2. OBJECTIVES OF THE FIELD TRIP

The primary objectives of the field trip were:

1. To provide students with **exposure to advanced laboratory facilities** in a university research environment.
2. To familiarize students with **modern scientific instruments and analytical techniques** beyond undergraduate curriculum.
3. To promote **industry and research awareness** among science students.
4. To encourage **interaction with alumni and postgraduate students**, fostering academic motivation.
5. To enhance **observational, analytical, and inquiry-based learning skills**.
6. To develop **discipline, leadership, cooperation, and social responsibility** among students.

7. To provide cultural and scientific orientation through visits to important landmarks in Visakhapatnam.
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3. DETAILS OF PARTICIPANTS

- **Class:** III B.Sc (Honours) Computer Science
- **Total Students:** 20
 - **Boys:** 11
 - **Girls:** 9
- **Departments Involved:** Physics & Computer Science
- **Accompanying Faculty:**
 - **Sri K. V. Ganesh Kumar**, Lecturer in Physics (Faculty In-charge)

All students participated with prior **parental consent**, and necessary safety and identification measures were ensured.

4. TRAVEL & LOGISTICAL ARRANGEMENTS

The journey was planned carefully to ensure safety, punctuality, and comfort.

- **Outward Journey:**
 - Train: **Ratnachal Express**
 - Date: **21.01.2026**
 - From: **Tadepalligudem Railway Station**
 - Departure Time: **7:20 AM**
 - Arrival at Visakhapatnam: **12:20 PM**
- **Return Journey:**
 - Train: **Rayagada–Guntur Express**
 - Date: **22.01.2026**
 - Departure from Visakhapatnam: **7:20 PM**
 - Arrival at Tadepalligudem: **12:30 AM (late night)**

Local transportation was arranged for campus and city visits. Accommodation was arranged at a local facility in Visakhapatnam.

5. DAY-WISE PROGRAMME DETAILS

DAY-1: 21 JANUARY 2026

Arrival and Andhra University Visit

After reaching Visakhapatnam at **12:20 PM**, the team proceeded directly to **Andhra University Campus**, one of the oldest and most prestigious universities in India.

Lunch was arranged at the **Andhra University Canteen**, providing students with an opportunity to experience campus life.

Campus Welcome & Guidance

The faculty and students were warmly received by:

- **Ms. S. Priyanka**, Alumna of the College, currently pursuing **M.Sc Physics** at Andhra University
- **Sri P. Vamsi, Sri Balakrishna, and Sri P. Venkatesh**, students of Andhra University

These students, who had earlier received **online PG entrance coaching from Sri K. V. Ganesh Kumar**, played a key role in guiding the students throughout the campus visit. Their interaction served as an **inspirational peer-learning experience**, motivating the participants towards higher studies and research.

Laboratories Visited (2:00 PM – 5:00 PM)

1. Solid State Physics Laboratory

Students were introduced to experiments related to:

- Crystal structures
- Electrical and thermal properties of materials
- Semiconductor behavior

The lab visit helped students understand how theoretical concepts are validated experimentally.

2. Digital Electronics Laboratory

This lab exposed students to:

- Logic gates
- Digital circuits
- Practical applications of electronics in computing and communication

The visit strengthened interdisciplinary understanding between **Physics and Computer Science**.

3. Modern Physics Laboratory

Students observed experiments related to:

- Quantum concepts
- Nuclear and atomic physics
- Radiation detection

The lab demonstrated the relevance of modern physics in contemporary research and technology.

4. Nuclear Magnetic Resonance (NMR) Facility

A highlight of the academic visit was the **NMR Facility**, where students were introduced to:

- Basic principles of NMR
- Applications in material science, chemistry, and biomedical research
- Importance of NMR in advanced research and industry

This exposure significantly enhanced students' awareness of **cutting-edge research tools**.

5. Andhra University Advanced Analytical Research Laboratory

Students visited the **Advanced Analytical Research Lab**, where they were exposed to high-end analytical instruments such as:

- **Thermogravimetric Analysis (TGA)**
- **Differential Scanning Calorimetry (DSC)**
- **UV-Visible Spectrophotometer**

The functioning, applications, and industrial relevance of these instruments were explained, providing insight into **research methodology and data analysis**.

Campus Tour

Following the lab visits, students toured the **entire Andhra University campus**, gaining exposure to:

- Academic blocks
- Research centers
- Library surroundings
- Green campus environment

RK Beach Visit (5:30 PM – 6:30 PM)

In the evening, students visited **RK Beach**, where they experienced:

- Coastal geography
- Environmental awareness
- Group recreation under supervision

Students were instructed strictly **not to enter the sea**, and discipline was maintained throughout.

Accommodation

The team proceeded to local accommodation by **7:00 PM**, followed by dinner and rest.

DAY-2: 22 JANUARY 2026

City Tour & Cultural Exposure

After breakfast, students visited important tourist and educational landmarks in the following sequence:

1. Simhachalam Temple

Students visited the historic Simhachalam Temple, gaining awareness of:

- Cultural heritage
 - Architectural significance
 - Spiritual traditions of the region
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2. Kailasagiri

At Kailasagiri, students observed:

- Topographical features of Visakhapatnam
 - Urban planning and landscape design
 - Panoramic view of the coastline
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3. Rishikonda Beach

Students were allowed **limited interaction with water under supervision**, emphasizing safety and group discipline.

4. Tenneti Park

The visit provided insight into:

- Coastal ecology

- Environmental conservation
 - Recreational park management
-

5. Submarine Museum – Special Focus

The **Submarine Museum** was a major learning highlight of Day-2. Students explored the decommissioned submarine **INS Kursura**, where they learned about:

- Submarine structure and compartments
- Navigation and communication systems
- Life of naval officers under the sea
- Role of submarines in national defense

The visit enhanced students' understanding of **applied science, engineering, and national security**, making it one of the most impactful experiences of the trip.

6. VUDA Park

The visit to VUDA Park provided relaxation and reinforced:

- Urban recreation planning
 - Environmental aesthetics
 - Group bonding among students
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Return Journey

The team returned to Visakhapatnam Railway Station and boarded the **Rayagada–Guntur Express at 7:20 PM**, reaching **Tadepalligudem at 12:30 AM**.

6. STUDENT PARTICIPATION & DISCIPLINE

- All students actively participated in academic and city visits.
 - Discipline, punctuality, and group coordination were well maintained.
 - Students adhered strictly to safety instructions issued by the faculty.
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7. SAFETY & WELFARE MEASURES

- Parental consent obtained from all students
- Aadhaar card and College ID verification ensured
- Continuous supervision by faculty
- Emergency contact arrangements maintained

8. LEARNING OUTCOMES

The field trip enabled students to:

- Gain exposure to **advanced research laboratories**
 - Understand real-world applications of physics and technology
 - Develop academic curiosity and motivation for higher studies
 - Improve teamwork, discipline, and social skills
 - Appreciate cultural and scientific heritage
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9. FEEDBACK & OBSERVATIONS

Students expressed positive feedback, particularly about:

- Andhra University labs
- NMR and analytical instruments
- Submarine Museum visit

The interaction with alumni and PG students was highly motivating.

10. OUTCOMES & CONCLUSION

The Educational Field Trip to Visakhapatnam was **highly successful** and fulfilled all its academic and experiential objectives. The trip significantly enriched students' knowledge, broadened their perspectives, and strengthened their interest in science and technology.

Such field trips are strongly recommended as an effective pedagogical practice for holistic student development.



Students of III B.Sc (Honours) Computer Science at Visakhapatnam Railway Station during the Educational Field Trip.



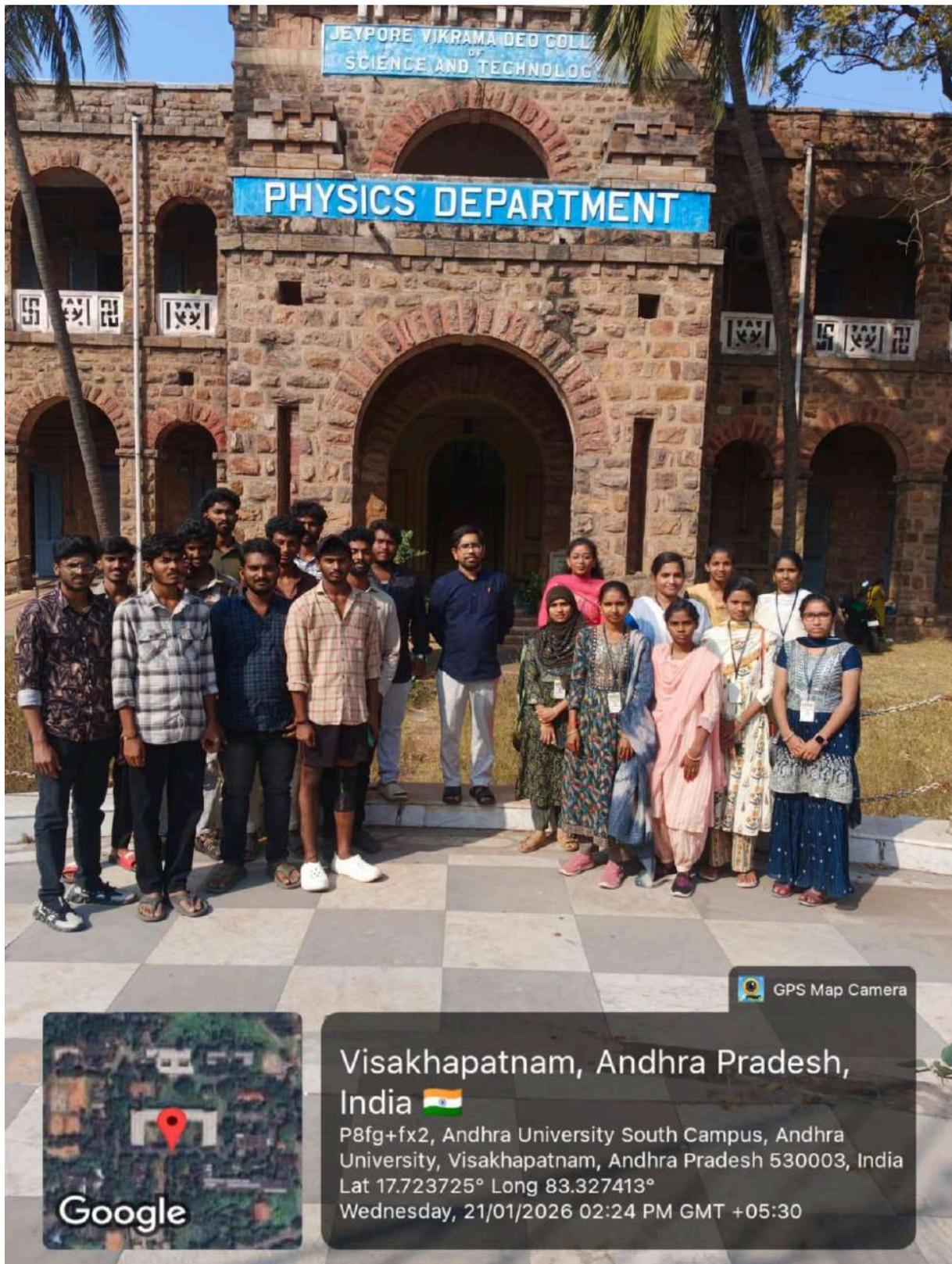
GPS Map Camera



Google

Visakhapatnam, Andhra Pradesh,
India 🇮🇳
P8gf+jmr, Andhra University Entrance Rd, Andhra
University South Campus, Andhra University,
Visakhapatnam, Andhra Pradesh 530003, India
Lat 17.72664° Long 83.32419°
Wednesday, 21/01/2026 12:56 PM GMT +05:30

Students at the entrance of Andhra University, Visakhapatnam, during the Educational Field Trip.



Students at the Department of Physics, Andhra University, during the academic field visit



Students at the Department of Physics, Andhra University, during the academic field visit



Students with Ms. S. Priyanka (M.Sc Physics) and Sri P. Vamsi at the Sir C. V. Raman statue, Andhra University.



Sri K. V. Ganesh Kumar, Lecturer in Physics, demonstrating spectral analysis at the Spectroscopy Laboratory, Andhra University.



Bridging the gap between theory and practice. An insightful field trip to the NMR Lab at the Department of Physics, Andhra University



Gaining practical exposure to high-end instrumentation at the Advanced Analytical Research Laboratory (AARL), Andhra University



"Sun, sand, and the science squad. Great times at Rishikonda."



"Stepping into history at the legendary INS Kursura Submarine Museum. A proud moment to witness the legacy of the Indian Navy."

FIELD TRIP – DOs & DON'Ts FOR STUDENTS

(Vizag Field Trip | 21–22 January)

✓ DOs (Must Follow)

- ✓ Reach Tadepalligudem Railway Station by **6:40 AM** sharp. Assemble at Platform No. 2 to board Ratnachal Express (12718).
- ✓ Carry a mobile phone (fully charged).
- ✓ Carry original Aadhaar Card and College ID Card (MANDATORY)
- ✓ Carry less luggage only (avoid heavy bags).
- ✓ Bring bed sheets / light blanket for stay.
 - ☺ Breakfast will be provided by the faculty
- ✓ Students with health issues must carry personal medicines.
- ✓ Stay with the group at all times during travel and sightseeing.
- ✓ Follow instructions of accompanying faculty strictly.
 - Girls may stay at faculty residence after return if needed.
 - Boys will go by auto.

✗ DON'Ts (Strictly Prohibited)

- ✗ Do not come late to the railway station.
- ✗ No individual or personal sightseeing is allowed.
- ✗ Do not separate from the group at any place.
- ✗ **RK Beach:** Playing in water is **NOT permitted** (only light enjoyment on shore).
- ✗ **Rushikonda Beach:** Water play allowed with caution only (follow instructions).
- ✗ No risky behavior, arguments, or indiscipline.
- ✗ Do not ignore faculty instructions at any point.

⚠ IMPORTANT NOTE

- This is an educational field trip.
- Discipline, safety, and cooperation are compulsory for all students.

Sri Chintalapati Vara Prasada Murthy Raju

Government Degree College, Ganapavaram



Organized by Dept. of Physics and Computer Science

VIZAG FIELD TRIP – ONE PAGE SCHEDULE

III B.SC (Honours) Computer Science

21 & 22 January 2026

DEPARTURE – DAY 1 (21 JAN)

- Tadepalligudem Railway Station
- Report by **6:40 AM**
- Ratnachal Express (12718)
- Departure: **7:20 AM**
- Coach D6 | Seats: 73-90
- Arrival at Vizag: **12:20 PM**

LUNCH

- 1:00 PM – 2:00 PM**
- Andhra University Canteen

EDUCATIONAL VISITS

- 2:00 PM – 6:00 PM**
- ◆ Andhra University
- ◆ Vizag Steel Plant Museum

DAY 2 – CITY TOUR (22 JAN)

- 7:00 AM – 5:00 PM**
- Rushikonda Beach, Kailasagiri
- RK Beach, Submarine Museum

RETURN JOURNEY

- Vizag Railway Station
- Report by **6:30 PM**
- RGDA-GNT Express (17244)
- Arrival at Tadepalligudem: **12:30 AM (23 Jan)**

FACULTY CONTACT

9492606904

IMPORTANT

- College ID Card Compulsory
- Carry Original Aadhaar Card & Wear College ID Card
- Stay with Group
- Follow Instructions

NOTE TO PARENTS

- Students under Faculty Supervision
- Safe & Well Planned Trip

Sri Chintalapati Varaprasada Murthy Raju
Government Degree College, Ganapavaram, W.G.Dist. A.P.

Estd. 1972
Affiliated to Adikavi Nannaya University
Accredited 'B' by NAAC
ISO 9001:2015 Certified



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Tel. 08818-295651 & 9985126333

To

The Registrar,
Andhra University
Visakhapatnam – 530003
Andhra Pradesh.

Respected Sir,

Sub: Request for Permission to Visit Andhra University Campus & Laboratories – Reg.

I herewith submit that the **Departments of Physics and Computer Science**, S. Ch. V.P.M.R. Government Degree College, Ganapavaram, are jointly organizing an academic field visit to **Andhra University, Visakhapatnam**, for the benefit of our students.

As part of curriculum enrichment, practical exposure, and interdisciplinary learning, we propose to visit the **Physics Department laboratories, research facilities, and relevant laboratories of the Computer Science/Engineering departments**, along with other important academic sections of the university. In this regard, we request your kind permission to allow our students and faculty members to visit the campus on the following date:

- **Date of Visit:** 21 January 2026
- **Total Students:** 28
- **Accompanying Faculty Members:** 06

We also request you to kindly arrange **accommodation for students and faculty** in the university hostels/guest house for that day, subject to availability.

We assure you that all students and staff will adhere to the rules and guidelines of the university. The list of participants will be submitted as required.

We earnestly look forward to your positive response and support in facilitating this academic exposure visit.

Thanking you sir,

Yours faithfully,



Principals
PRINCIPAL 3/01/2026
S.CH.V.P.M.R. Govt. Degree College
Accredited "B" by NAAC
GANAPAVARAM. (W.G.Dt.)

Contact No: 9492606904

To
Dr. P. Nirmala Kumari, M.A.,Ph.D.
Principal
S.Ch.V.P.M.R.Government Degree College,
Ganapavaram-534198.

Subject: Submission of final list of students for Educational Field Visit to Visakhapatnam (21–22 January 2026)-Regarding...

Respected Madam,

With reference to the approved Educational Field Visit to Visakhapatnam scheduled from 21 to 22 January 2026, organized by the Department of Physics and Computer Science, I respectfully submit the final list of students participating in the field visit.

A total of 20 students of III B.Sc (Honours) Computer Science will be participating in the visit. The field trip includes academic and educational visits to Andhra University, Vizag Steel Plant Museum, and important locations in Visakhapatnam city.

All necessary arrangements regarding travel, accommodation, safety, discipline, and parental consent have been completed. The students will be accompanied and supervised by me throughout the journey and the visit.

The list of participating students is enclosed herewith for your kind information and record.

Thanking you, Madam.

Yours sincerely,



(KV Ganesh Kumar)

Lecturer in Physics

Mobile No: 9492606904



Field Trip to Visakhapatnam- III B.Sc (Hon) Computer Science-21.01.2026 to 22.01.2026

List of Participants

S.No	Name of the Student	Name of the Parent	Mobile Number of the Parent	Mobile Number of the Student
1	ADABALA JAYA SRI	ADABALA LAKSHMI NARA SIMHA SWAMI	8074516655	8247097967
2	BEVARU VIASHNAVI BHARGAVI	VENKATA DHANA LAKSHMI	9502476519	9703659446
3	BOBBILI DURGA VENKATA SUBRAHMANYAM	B.KUMARI	9603235722	9505589826
4	DIYYE VENKATA TEJA	DIYYE PADMA	9133830046	9390624876
5	GUNDALA SRAVANI	G SATYANARAYANA	7075504553	9866470518
6	KOLA KUMARI	KRISHNA VENI	9177059114	9392359287
7	KOPPISETTI UMA SHANKAR	K.DURGA	9652717177	7993489976
8	KURELLA BHARGAVA RAMA DURGA PRASANTH	KURELLA VARA PRASAD	6303264199	9603837737
9	MANDA BHASKAR RAJU	MANDA . SUVARNA RAJU	7702940149	8688362119
10	MIRIYALA NARESH	MIRIYALA CHANDRARAO	8985147683	8985118831
11	NANGALAM ANJANI KUMAR	N.RAMANA	6309899295	8712294457
12	POLISETTI SATYAVATHI	POLISETTI SURIBABU	9059913839	6305559671
13	PULASRI SAI DURGA	PULASARI APPANNA	9502707350	9100455622
14	SALADI GOWTHAM GANGADHAR SAI	SALADI SIVA PARVATI DEVI	9492291976	7995077668
15	SARIKA RENUKA DEVI	SARIKA VANI PARVATHI	9912337283	6301611419
16	SHEIK NAJUMUNNISHA	SHEIK MEERA VALLI	9014097436	9908096552
17	SIRAPA JAYA NAGA SIRISHA	SIRAPA VENKATA NARASANNA	9676242477	6305732199
18	VIPPARTHI PANDU	YESU DASU	8096866045	9346237527
19	YARRA AYYAPPA SWAMY	Y.BALAJI	9393658595	7993927477
20	YARRA NIVEDIKA	YARRA BALAJI	9393658595	7995938595



తల్లిదండ్రుల అనుమతి పత్రం (Parent Consent Form)

నేను, _____

(తల్లిదండ్రులు / సంరక్షకుల పేరు)

నా కుమారుడు / కుమార్తె

విద్యార్థి పేరు : _____

కోర్సు & తరగతి : III B.Sc (Honours) Computer Science

మన కళాశాల ద్వారా నిర్వహించబడుతున్న విశాఖపట్నం (Vizag) విద్యా పర్యటన (Field Trip) కు హాజరయ్యేందుకు నా సమ్మతిని తెలియజేస్తున్నాను.

ఈ విద్యా పర్యటనలో భాగంగా క్రింది ప్రదేశాలను సందర్శించనున్నట్లు నాకు తెలియజేయబడింది:

1. ఆంధ్ర విశ్వవిద్యాలయం (Andhra University)
2. విశాఖ స్టీల్ ప్లాంట్ మ్యూజియం (Vizag Steel Plant Museum)
3. ఋషికొండ బీచ్ (Rushikonda Beach)
4. కైలాసగిరి (Kailasagiri)
5. ఆర్.కె. బీచ్ (RK Beach)
6. సబ్మరీన్ మ్యూజియం (Submarine Museum)

ఈ విద్యా పర్యటన 21 జనవరి 2026 న ప్రారంభమై 22 జనవరి 2026 రాత్రికి తిరిగి వస్తారని నాకు అవగాహన ఉంది.

ఈ ప్రయాణం రైలు ద్వారా నిర్వహించబడుతుందని కూడా నాకు తెలుసు. ఈ పర్యటన సమయంలో నా కుమారుడు / కుమార్తె కళాశాల నియమాలు, అధ్యాపకుల సూచనలు పాటిస్తారని నేను అంగీకరిస్తున్నాను. అందువల్ల, నా కుమారుడు / కుమార్తె ఈ విద్యా పర్యటనలో పాల్గొనడానికి నా పూర్తి అనుమతి తెలియజేస్తున్నాను.

తల్లిదండ్రులు / సంరక్షకుల సంతకం : _____

తేదీ : _____

సంప్రదింపు మొబైల్ నంబర్ (తల్లిదండ్రులు) : _____